

FLORIDA STATE LIBRARY

BIENNIAL REPORT
OF THE
SUPERINTENDENT
OF THE
FLORIDA
STATE HOSPITAL

For the Years 1921 and 1922



T. J. APPELYARD, PRINTER, TALLAHASSEE, FLORIDA



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1921/22

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FLORIDA'S CAPITOL BUILDINGS



Upper Right: Begun 1838, Finished 1842; Upper Left: Begun 1901, Finished 1902;
Centre: Begun 1922, Finished 1923.

OFFICERS OF THE HOSPITAL
1921-1922

BOARD OF COMMISSIONERS OF STATE
INSTITUTIONS

Cary A. Hardee, Chairman.....Governor
H. Clay CrawfordSecretary of State
Ernest AmosComptroller
R. H. BufordAttorney General
W. A. McRaeCommissioner of Agriculture
J. C. Luning.....Treasurer
W. S. Cawthon.....Superintendent of Public Instruction
L. B. Edwards.....Secretary to the Board
Tallahassee, Florida.

W. V. Knott, Superintendent. Since March 1, 1921, succeeding Dr. H. Mason Smith, resigned.
J. Q. Folmar, M. D., Chief Physician. September 1, 1920.
F. E. Thomason, M. D., Assistant Physician. October 20, 1921.
B. F. Barnes, M. D., Assistant Physician. December 1, 1921.
H. D. Snyder, M. D., Assistant Physician. December 20, 1922.

OFFICE FORCE

W. L. Vanlandingham, Chief Clerk.
Miss Bertha Gholson, Asst. Clerk.
Mrs. B. J. Mawhinney, Stenographer for Medical Department.
Mr. Lacy E. Bradford, Stenographer for Medical Department.

VISITING STAFF

M. E. Quina, M. D., Pensacola, Oculist.
 J. L. Kirby-Smith, M. D., Jacksonville, Dermatologist.
 Gerry R. Holden, M. D., Jacksonville, Gynecologist.
 F. Clifton Moore, M. D., Tallahassee, Enternist.
 J. H. Randolph, M. D., Jacksonville, Psychiatrist.
 C. S. Hammett, C. E., Consulting Engineer.

HEADS OF DEPARTMENTS

Glen F. Wright, Steward.
 John L. Davis, Chief Engineer.
 John B. Howell, Superintendent of Construction.
 Miss Pearl Summerford, R. N., Chief Nurse.
 Miss Rossie Carroll, Graduate Nurse, Night Supervisor.
 Mrs. Lexie Traylor, Graduate Nurse, Supervisor Tubercu-
 lar Colony.
 P. L. Laing, Supervisor, White Male Department.
 Mrs. G. B. Kirkland, Supervisor, White Female Depart-
 ment.
 Miss Pearl Trammell, Supervisor, Colored Female Depart-
 ment.
 S. W. Hall, Supervisor, Colored Male Department.
 G. B. Kirkland, Laundry Foreman.
 W. C. Vason, Farm Director.
 B. J. Mawhinney, Storekeeper.
 M. G. Dykes, Industrial Foreman.
 Mrs. Mary Fellows, Supervisor of Sewing Room.
 Miss Minnie Clemons, Matron.

SUPERINTENDENT'S REPORT

To the Honorable Board of Commissioners of State Institutions, Tallahassee, Florida.

Gentlemen:

The Superintendent of the Florida State Hospital hereby respectfully submits his report for the years 1921-22:

For the information of the public generally, or such of the public as are not already familiar with the origin and history of the Institution, some facts are given that are already well known to many.

HISTORY

The Florida State Hospital was created by Legislature of the State of Florida for the maintenance, care and treatment of the indigent insane of the State, with provision, however, for the care of the insane, other than indigent, at a rate of pay prescribed by the Board of Commissioners of State Institutions, which is \$25.00 per month. Out of the 1,910 patients we have at present only thirty-six pay patients.. The location is at Chattahoochee, Gadsden County, Florida, two miles north of River Junction, which is the railroad station; and a little more than one mile east of the Apalachicola River. This location was selected in 1932 as a garrison for Federal soldiers, during the time of the Indian wars, long before railroads, and when the river was the only means of transportation. The buildings erected and used by the Federal Government are still standing and in a good state of preservation. In 1866, the arsenal and all of the land, consisting of about 1,800 acres at the time, was ceded by the U. S. Government to the State of Florida. For about ten years following the

property was used as a State penitentiary. Since 1876 it has been used as an institution for the care of the insane. It first bore the name of the Florida Hospital for the Insane, but was later changed to its present name—Florida State Hospital.

LOCATION

The location is in many respects ideal. The climate the year round, is as good as anywhere in the United States, since it is just cold enough in winter to be bracing, and pleasant in summer without the discomforts of sultriness. It is singular to note that not a sprig of Spanish moss can be found in the trees on this plateau, which fact indicates a dryness of atmosphere for this latitude. Being accessible to river transportation we have the benefit of water rates, which in the item of coal alone is an economic feature. Being situated in the midst of a splendid agricultural country where large quantities of farm products are raised, the hospital is enabled to secure at very reasonable prices such products as are grown in a good farming section. The farmers to a great extent throughout this section are white people of a good class, and it is from these families we obtain most of our employees. The Hospital being near their homes, they are happy in their work and contented, which is no small factor in institutional work of every nature.

We have been remarkably free from epidemics. In the recent epidemic of dengue fever, prevailing throughout this and other sections of the State, there was practically no dengue in this locality. There are but few days of the year when the patients cannot be comfortable on the porches and in the yards. During the past twenty-two months, there has not been more than four days when the inclemency of the weather prevented the patients being outside.

BUILDINGS AND THEIR USES

From the beginning the State used, and is still using, the original buildings erected by the Federal Government, but from time to time additional modern buildings have been erected to accommodate the steadily increasing population. The several buildings, their uses, and also the personnel are indicated as follows:

RECEIVING HOSPITAL

The Receiving Hospital is a comparatively new and fully equipped hospital building, containing a thoroughly up-to-date operating room with all necessary surgical instruments, first-class X-ray outfit, etc. All white patients, both male and female, are received at this hospital, one division being used for males and the other for females. New patients, upon arrival, are first weighed, bathed and put to bed. They are then kept under close observation until a thorough diagnosis is made, and where necessary they are kept here until their physical condition is brought up to normal that they may be properly cared for in the wards. Also, all patients from the wards who in cases of acute sickness, requiring confinement to bed, are taken to this hospital for care and treatment. When not necessary for the close attention that is given in this department, the patients are transferred to their respective wards accordingly as they are classified.

The Receiving Hospital is under the immediate and constant supervision of Miss Pearl Summerford, a registered nurse of long experience, assisted by capable nurses of both sexes. She is also head of the Training School, full report of which will be found elsewhere. Miss Summerford is an excellent disciplinarian and most admirably adapted to this work.

TUBERCULAR BUILDING FOR WHITES

This is a modern, one-story building, especially constructed for this class of patients, facing the south and so arranged as to give perfect ventilation and light, with a beautiful park for the use of such patients as can stay in the open. This building is also under the direction of Miss Summerford.

WARD BUILDINGS

The buildings containing the wards referred to are so arranged and divided that a considerable number can be placed in one large room, or ward; the patients being classified according to their mental condition, and assigned to the particular ward suited to their condition and type. Each ward is provided with attendants necessary for both day and night service. All patients are kept under watchful care at all times to prevent injury to themselves or others. Suitable recreation yards are provided for each race and sex, adjoining their respective buildings in which those patients who are incapable of assuming any specific exercise are entertained with outdoor sports. The wards are arranged to accommodate a large number of patients, thus enabling a maximum of oversight with a minimum of help, so that at all times, day and night, all patients are in full view and observation of nurses and attendants whose duty it is to look after them and attend to their needs. Experienced supervisors are in charge of each ward building, day and night, each building having its individual service, full descriptions of which will be found in report of Chief Physician.

Mrs. G. B. Kirkland, assisted by a number of efficient helpers, is supervisor of the White Female Department. Mrs. Kirkland has been an employee of the Hospital for twelve years. Mr. P. L. Laing is supervisor of the white male patients, and has been connected with the Institution

twelve years. The colored female department is in charge of Miss Pearl Trammell. She likewise has been here for a number of years and has been supervisor in this department for some time. The colored male department is in charge of Mr. S. W. Hall, who has been connected with the hospital for a number of years, for a long time holding his present position.

These ward supervisors are peculiarly adapted to this class of service. They are distinctively firm and kind, watchful and conscientious; keeping up with each detail of the conduct and work of the nurses under them, upholding and requiring the highest standards of Christian service, as applied to the peculiar relationship between patients and nurses in an institution like this.

MEDICAL DEPARTMENT

Our Chief Physician, Dr. J. Q. Folmar, has been with us during the entire period of this report, having come here in 1920 from Bonifay, Fla. He is an ex-service man with much institutional experience and a surgeon of unusual ability. Dr. F. E. Thomason of St. Petersburg entered the service October 20, 1921. Dr. B. F. Barnes of River Junction came on December 1, 1921. Dr. H. D. Snyder of Tampa, also a world war veteran, has recently been employed as an additional physician. Dr. W. D. Truett, of River Junction, is the present hospital dentist.

It will be seen from a table elsewhere in this report in 1921 one hundred ninety-three major operations were done, and in 1922 four hundred and twenty-three were performed. Any operations found to be necessary are made by our staff of physicians, and it can well be said at this point that of the numerous operations made, since the writer came here the first of March, 1921, every operation has been successful and not a single death has occurred from an operation, which speaks well for the skill of the physicians.

The personnel of our medical staff cannot be excelled. They are men of irreproachable moral and temperate habits, kind and conscientious in their professional work, and wholly honest and honorable. There is perfect harmony and hearty co-operation between them and the Supervisors and between them, the Supervisors and the Superintendent.

INDUSTRIAL PSYCHIATRY

Each year progress is made along the line of successful employment of the patients. Occupational and Industrial therapy is more and more prescribed as the science of psychiatry progresses, and this institution recognizes and practices the methods of leading authorities in recuperative and wholesome occupation. No patient is forced or unduly urged to work, but through kind and tactful persuasion they respond in a way that reacts as a great physical and mental stimulant. The male patients assist on the farm, at the dairy, with the teams, the industrial department and ward work in their respective departments. The female patients make clothes, assist in the care of their wards, do mending and fancy work, and assist in their dining rooms. Complete segregation is in effect, each sex and color working independently and under the supervision of trained attendants of their particular sex and color.

SEWING ROOM

Mrs. Mary Fellows, a capable, untiring and conscientious worker, is in charge of this department. An interesting report by Mrs. Fellows will be found elsewhere as shown by table No. 7.

INDUSTRIAL DEPARTMENT

This department is in charge of Mr. M. G. Dykes, who is exceedingly capable and well adapted to this work. Vari-

ous articles are manufactured in the department, which are shown by Table No. 8. At present we have crowded quarters for this work, but expect soon to put up a building for that purpose, wherein proper provision will be made to enable a greater number of patients to do this class of work, which will be largely to their benefit from a therapeutic standpoint.

Interesting classes are conducted in basketry, crochet, tatting, needle work, and flower gardening, which not only affords recuperative occupation, but produces a fund which is used for pictures, records, delicacies, etc., for the patients.

Co-ordinate with suitable employment for patients is amusement. In the weekly program there is provided a moving picture show, shown on Monday night for the benefit of the white patients, and on Tuesday night for the benefit of the colored patients. On Friday night a dance is given in which the patients dance with the employees of the opposite sex in alternating numbers. The music for these occasions is furnished by a first-class orchestra composed of employees, and an electric player piano gives still a greater variety of music for the patients and employees. From time to time other entertainments are staged, such as amateur minstrels, plays, lectures and musical programs, all of which are entered heartily into by the employees for the benefit and pleasure of those under their care.

EMPLOYEES

The institution is particularly fortunate in being able to secure the services of men and women of good character and satisfactory intelligence. No person is employed at the Hospital whose character and fitness for the particular position applied for is not investigated and substantiated, as a result of which the standard of morality and efficiency maintained is the very highest. The demand for compe-

tent service in the field of mental and nervous diseases is constantly increasing. There was a time when the most ignorant and inefficient could obtain employment in a hospital for the insane, but that time is past, and certain requirements must be met here, as elsewhere.

HOSPITAL CHRISTIAN ASSOCIATION

A Christian Association has been organized for the employees, known as the "Y. W. M." The weekly meetings are well attended and afford opportunities for systematic Bible study, health lectures, mutual discussion of hospital topics, athletic, social and amusement features for the employees. This organization has been a decided factor in raising and upholding higher intellectual, industrial, moral and spiritual standards in the hospital, and continues to grow in interest and influence.

SOCIAL SERVICE DEPARTMENT

Many letters have come to the Hospital from other states, inquiring about the social service work here; a department which is now established in most institutions of this kind, but for which, as yet, this State has made no provision.

Mrs. Knott, the wife of the Superintendent, has, however, worked untiringly in this service, throughout the present administration, and without compensation. We feel that a full report cannot be made without acknowledging her invaluable work in the institution.

Besides organizing the Christian Association, and through it uplifting the morale of the institution, she has rendered special service to the patients and their relatives wherever possible. Occupational classes have been encouraged among the patients, sales made of their products, and many comforts supplied with the proceeds.

Diet kitchens adjacent to the Infirmaries have been installed, where special food is prepared and served to the

inmates. Wards and reception rooms have been painted and refurnished, literature provided and a library started. The spirit of industry and economy has everywhere been quickened, and ambitions of the employees stimulated to improve their education, and to serve with lofty and noble aim. Her thought, time and energy have been unsparingly given to this work, and the results have been most gratifying.

LABORATORY AND DRUG ROOM

The drug room is fully equipped and in charge of Mr. B. F. Bache, a capable pharmacist. The laboratory is likewise fully equipped and in charge of Mr. Ray Davis, technician, whose time is fully occupied in making Wasserman and other necessary laboratory tests required in a first-class hospital, thus enabling the physicians to determine the nature of a malady without the necessity of waiting to hear from tests sent elsewhere.

DINING ROOM AND KITCHEN SERVICE

The U. S. Public Health Service has given this Hospital a good rating among hospitals and we have had during the whole of 1921 and 1922 ex-service men sent here by the Public Health Service for care and treatment. We have had periodical visits from regular Government Inspectors, the last having been made November 2, 1922. The reports have been highly commendatory of the hospital service generally and of the culinary department particularly. The following quoted from a report is illustrative: "Kitchen equipment: Adequate. Storage facilities for supplies: Ample. Number of personnel and their appearance: Ample, clean.) Quality and sufficiency of food. Is it appetizing? is it well prepared? Good. Ample. Yes. Yes." The inspector commented most favorably on the well balanced diet, quantity, quality, preparation and service of food.

Fresh vegetables in season are plentiful and cooked every day for the patients and as far as possible a balanced diet is maintained for all. A special diet is provided for the aged and infirm, diabetics, and patients suffering from diseases requiring special diet. This has been a factor in producing a large rate of discharges and recoveries. A diet kitchen, adjacent to the infirmaries, was installed about a year ago, and all patients in bed receive a special diet.

Except for the inmates of the Receiving Hospital, the tubercular ward, and the infirmaries, all food is prepared in the general kitchen, which is in charge of our energetic and efficient steward, Mr. Glenn F. Wright. A weekly record is kept showing the menu and character of food prepared for each meal.

OFFICE WORK

With the increase of patient population our help population has also necessarily been increased, and with it all there is an increase of office work, both in the medical and business departments. Our office force consists of two stenographers for the physicians, one bookkeeper and an assistant. An extra stenographer has recently been employed on account of special records of patients, and also assisting at times in the bookkeeping department. All hospital mail is handled in this department, and besides the bookkeeping for the hospital, all patients' accounts and accounts of individual employes are kept. An effort is now being made to keep a record of any change in the condition of individual patients, and this adds a large volume of work for the office force.

STORE ROOM

Mr. B. J. Mawhinney, who has been familiarly associated with the hospital for many years, is in charge of the store room and warehouses. All supplies are bought wholesale

and Mr. Mawhinney keeps the stores of merchandise, receiving and issuing them as required.

LAUNDRY

The laundry, under the management of Mr. G. B. Kirkland, is fully equipped with the most modern conveniences for this class of work. In connection is a pressing outfit, which is in charge of Mr. A. B. Cook. The receipts in that department are more than sufficient to pay the expenses of same.

BARBER SHOP

We also have a sanitary and up-to-date barber shop for the patients, under the management of Mr. W. W. Mayo.

FARM, HAULING AND DAIRY

This department is in charge of Mr. W. C. Vason. The entire area of hospital property comprises about 2,600 acres, the greater portion of which is under fence, and is largely broken by river hills, but a good character of soil, being practically all clay subsoil, the most of which, however, is wood pasture, being something over 500 acres in open land, a comparatively small proportion of which is level table land. The table land is used for growing all vegetables for table use at the Hospital, and we have quite an abundance in season of all vegetables for such, and some things we have in quantity beyond that used for the table, which are fed to the stock. Other cultivated lands are used for growing field crops, ensilage, velvet beans, etc., for the stock. About forty acres additional land has been taken into cultivation during the biennial period besides a greater area being shrubbed and planted to pasture grasses, the object being from time to time, to use all the land not suitable for cultivation in permanent pasture grasses to be

used in raising stock. The farm operations are shown in the report of the farm manager.

A number of teams and trucks are kept continuously busy in doing the necessary hauling on the place, including sand for building cement blocks used in construction, stock logs for the saw mill, freight from the depot, wood, and various other items, some being short and others long hauls, it is considered of no value to mention the number of loads, the number having no significance because of various distances of such loads.

Likewise there is no value placed on farm products but only quantities given, since the quantity is the measure of production as prices fluctuate so that quantity is a better measure. We may state in this connection that in 1921-22 sufficient hay was made to supply the stock on the place.

The product of the dairy is also likewise shown in the report of the farm manager. While an appropriation was made by the last legislature for additional dairy cattle, we have bought dairy cattle only as we had opportunity to get individuals at reasonable prices, and no fancy prices have been paid. On the other hand, we have been culling out indifferent individuals and thus improving the herd. We have filled two large silos with ensilage, which has been ample for the dairy cattle, including milch cows, dry cattle and growing heifers, beef cattle being slaughtered at once without the expense of maintaining them.

POULTRY FARM

Until a few months since we had a small poultry plant, report of which is shown elsewhere, but we have recently installed a new poultry plant provided with sufficient houses and a 600 egg incubator.

POWER PLANT

The hospital has a splendid new power house, thoroughly equipped with up-to-date machinery—four 150 h. p. boilers; two new modern 250 h. p. engines that supply power for the saw, planing and grist mills, industrial shop, laundry, lights and heat throughout all the buildings, and also hot water and steam for the cooking plant. In connection with the power plant a first-class ice plant is provided together with four large cold-storage rooms of about two railroad cars capacity each, enabling us to cure our pork at all times of the year and to carry fresh meats generally for any period desired.

A water-works plant is located on the creek from which an abundant supply of good freestone water is obtained and used for all purposes other than drinking. This plant is so equipped that when the water supply is ample the water is pumped to the tanks by water power, but the plant is provided also with two 75 h. p. motors, operated from the power plant, which are used only when the water is insufficient. Further precaution is provided against emergency by the installation of a steam boiler of 150 h. p. capacity, thus insuring under all conditions ample pumping facilities. Drinking water is supplied from a perpetual and never-failing spring of freestone water, tested from time to time.

The power plant, including the water works and the plumbing, is in charge of Major John L. Davis. Major Davis was in the army for more than thirty years, where for a long period he was master electrician, and in charge of extensive operating power plants for the Government. He came to us highly recommended by prominent army officials for honesty and efficiency.

SAW AND PLANING MILL

We have a good saw and planing mill and dry kiln which enables us to manufacture building material at a cost considerably less than market price, including the value of the timber.

In connection with the saw mill will state that we are now, and have been for some time, cutting from our own timber all the lumber used on the place. By permission of the Board the Superintendent made a purchase in August, 1922, of a tract of timber estimated to comprise about 1,700,000 feet, or \$4,500, \$1,500 of which was paid in 1922 and the remainder payable in 1923. From this tract was manufactured at our mill for building purposes, together with cross ties and building timbers, around 200,000 feet. The estimated proportionate cost of timber, cutting, hauling and manufacturing, was \$2,500. The present market value of this product can be safely estimated at \$40.00 per thousand, or a total of \$8,000, thus a saving by this purchase to the extent so far used of \$5,500, which is greater than the total purchase price of the entire lot, plus clear profit on the purchase transaction of around 1,500,000 feet available in the woods. We find the lumber of our manufacture to compare favorably with the larger mills both as to quality of material and the manufacture.

CONSTRUCTION DEPARTMENT

Mr. John Howell is foreman in this department. Mr. Howell is a capable, hard-working, conscientious man, and supervises all repair as well as construction work.

GOVERNMENT PURCHASES

By permission of the Board the Superintendent has attended a number of Government auction sales, beginning in 1921 but mostly in 1922, and we have been able by the

purchase of these government surplus goods to not only get a good quality of goods but to save a great deal of money, such goods consisting largely of the best grade of underwear, both woolen and cotton, jumpers, trousers, overalls, shoes, socks, hats, and general wearing apparel; blankets, pillows, mattresses, bedsteads, cotton cloths, kitchen and dining room equipment consisting of food conveyors on rollers, food containers of aluminum and heavy tin, cups, knives, forks, dish washers, dough mixer and dough troughs, refrigerators of all sizes, also valves, wrenches and other plumbing equipment, besides fire apparatus, copper coffee urns, ranging from 25 to 200 gal. capacity, coffee roaster and grinder, food choppers with motors, sewing machines with and without motors and hospital supplies of all kinds, including surgical and dental instruments. From these supplies we were enabled to largely equip the laboratory with what would ordinarily be expensive equipment, all of which are too numerous to mention in detail, but estimated to be at an average cost not over, we can safely say, 25% of the actual value. In these purchases we were governed by what we could use to advantage only, not buying something that was not needed just because it was low priced.

Since the appropriation for 1920 was considerably short of the actual necessary expenses for that year, and a deficit had to be provided for by the legislature of 1921, no more goods were bought than were essential for immediate use during that period; hence, there was practically nothing to carry over for 1921. The present administration began just at this period, the Superintendent taking charge March 1, 1921. At this time the kitchen and dining room equipment was altogether inadequate. There was but one refrigerator on the place, carts and wagons were worn out, and other needful conveniences were sadly lacking. At present these needs are comfortably supplied and we have on hand a surplus of goods estimated at a value of \$50,000

PURCHASE OF BEEF

All beef is purchased on foot from the surrounding territory, as far east as Live Oak, and as far west as Chipley. Within this territory a great deal of beef and other live stock and products generally are raised. The people over the country understand that we buy cattle on foot, and hence are continually making offers, and so we have never wanted for a supply. Having good cold storage facilities, we are able to buy as much as 100 head at one time where convenient to the vendor. We buy from the small producer, however, as well as from the large producer, thus encouraging the small producer and without expense to the Hospital.

In connection with butchering, the matter of growing hogs may be mentioned. The same crew that looks after the butchering of beeves attends to the raising and butchering of hogs. We buy no feed whatsoever for hogs, using only the scraps from the kitchen and peanuts and potatoes in the fall. In 1921 and 1922 we have not lost a hog from disease. It will be seen from the report that we had an increased number in 1922.

GENERAL IMPROVEMENTS

KITCHEN

During the period of this report we have succeeded in building a new general kitchen, which enables us to work over the floors of the old kitchen and use the space as a supplementary dining room for the white men, which is much needed to accommodate the growing population. In connection with the kitchen equipment we purchased a coffee roaster and grinder in 1922 which has a capacity of 3,000 pounds in a ten-hour day, doing splendid work, and saves from \$125 to 150 per month, with the present population; which being on the increase, makes this item of saving

one that will increase proportionately. The fuel used for roasting is charcoal that we manufacture on the place at small cost. In this connection will say that the old power plant, which is of brick, has been worked over, the boiler room with two boilers being preserved to hold against an emergency, the old engine room being provided with a good cement floor and converted into a coffee roasting and grinding plant at a comparatively small cost.

POWER PLANT

Prior to 1921 plans for the new power plant had been made, and the machinery purchased for same on the grounds. The greater portion of the construction, however, was done in 1921, the machinery installed and put in operation in November, 1921. Fuller description has already been given.

LAUNDRY

Improvements in the laundry consist of the purchase and installation of a splendid 6-roller mangle, which had been slightly used but was placed in perfect condition, and guaranteed by the manufacturers, at a cost of \$4,500, delivered and installed. The first price of this mangle, new, was \$7,000. Same has given perfect satisfaction and takes the place of an old and smaller mangle which had served its usefulness. Also we have equipped the laundry with electric irons, which have proved very satisfactory.

NURSES' HOME

Heretofore it has been necessary for a portion of the nurses and attendants to sleep in the same buildings with the patients by lack of sufficient outbuildings. It being recognized that the nurses should have a restful place to sleep, a commodious building has been erected which is

known as the Nurses' Home, thus insuring proper rest away from the immediate scene of their labors. The foundation and walls of the new Nurses' Home had progressed to a considerable extent, and the material engaged, prior to 1921, pursuant to plans by the State's Engineer.

X-RAY EQUIPMENT

Upon completion of the power plant we were enabled to install an X-ray, which is a valuable acquisition and more fully referred to in the report of the Chief Physician hereinafter.

LABORATORY

In 1922 we installed a Laboratory and have a capable laboratory technician in charge, more particulars of which will also be found in the report of the Chief Physician. This laboratory is fully equipped, all of which equipment was purchased during the year 1922.

OLD MAGAZINE

Under this head may be mentioned the restoration of the old magazine building. The wood work having been destroyed by fire in 1920, up to this time it had been used for storing refuse. This building was constructed of brick by the Federal Government in the early thirties; the inside dimensions are 26x90 feet, with walls five feet thick, corresponding arched masonry overhead, and twenty feet distant heavy high brick wall surrounding. Considering this building well worth restoring, it was done by constructing a cement roof, which renders the building absolutely fire proof, and furnishes good space for storing sweet potatoes, syrup, and like commodities. Also the space on one side between the building and the wall was floored and roofed, affording excellent storage and smoke house

space of 20x140 feet. Thus a valuable fire proof space economically provided plus the preservation of an historic building.

BASEMENT, COLORED MALE BUILDING

In 1922 a most excellent cement floor of 5,858 square feet was constructed in the basement under the colored male building, which could not be used otherwise, thus providing a much needed dining room for the colored men, part of it being used for storage space.

FIRE EQUIPMENT

Prior to 1921 there were a few fire hose and extinguishers on hand, but they were entirely inadequate. We are now fully equipped with fire apparatus, all buildings being equipped with hose and extinguishers. We have an organized fire department made up of employees.

RECEIVING HOSPITAL

The porches, up and down stairs, at each end of the Receiving Hospital have been enclosed, screened and provided with curtains, thus making desirable fresh air sleeping quarters, sufficient for about forty patients. Like provision was made on some of the porches of the building for white females, thus providing additional and very nice quarters.

Most of the cement blocks necessary for the colored Receiving Hospital have been manufactured on the place and active work will now begin on the construction of such building.

BARN

In 1922 a splendid new barn was constructed for housing the dairy cows, this barn being 48x96 feet, enabling us to

protect the milch cows from the weather, and is equally valuable for saving fertilizer, this building being so constructed as to provide a storage space overhead. Other buildings have been erected for the protection of cattle and the conservation of fertilizer in convenient parts of the place.

FEED CRUSHER

In 1921 we installed a Williams feed crusher for crushing whole corn in the shuck and velvet beans, which is found an economical feed for the stock, same being operated with the saw mill motor.

ADDITIONAL YARDS

With reference to improvements on the farm and dairy will say that we purchased eight miles of woven wire fencing in the fall of 1921, which was intended for additional necessary fences. It was found necessary, however, to use a great deal of this fence in replacements, part of which has been used for yard fences in the vicinity of the buildings, one yard being very essential for the white women, since heretofore there have been only small spaces behind the buildings, totally inadequate for the considerable number of patients. We now have a splendid wire fence enclosing seven acres for the white women's yard, where they will have opportunity for ample exercise and recreation. Likewise we are enclosing other spaces for yards, all of which is not yet finished. We have also divided the fields with cross fences for pasture purposes, which is found to be very helpful.

PECAN NURSERY

We planted a nursery in December, 1921, of 5,000 pecan trees, a considerable part of which will be ready for grafting this winter. We planted an additional three acres of

pecan nursery in November, 1922, and from these nurseries we expect to supply trees for quite a large acreage on Hospital property, which is ideal from a standpoint of soil and climate for this splendid nut. A good deal of the land being rather broken in river hills it is perhaps better adapted for the purpose of growing nuts and pasturage than for agriculture.

REPAIRS AND RENEWALS

While the item of repairs, shown in the tables following, may appear large, it is in fact small considering the work found to be necessary under that head. For illustration: the large building occupied by the white females was largely reconstructed during 1921-22, the flooring, framing and ceiling in a greater part of the same being absolutely rotted out to the extent of being dangerous to the life of the occupants, and it was thus necessary for it to be torn out and rebuilt to a great extent.

The same will apply to the colored male building, a considerable portion of which work has been done but not yet finished.

In addition to the foregoing ward repairs we have had other kinds of repairing also to do in the white men's building and roof repair work on residences and cottages occupied by the staff and employees.

LAND PURCHASES

An item of land purchases will be observed in the table of expenditures for maintenance. These lands consist partly of a tract of 311 acres that was bought primarily for the preservation of our creek water supply. To explain: Our creek water supply furnishes all the water used on the place, including the laundry, except the drinking water. This supply is furnished by what is known as Mosquito Creek, the source of which is numerous springs at its head

and along its line and passes through a territory interspersed with lime sinks, into which the water frequently disappeared, thus rendering our source of supply very uncertain. The hospital authorities in former years had made some kind of contract with different land owners, undertaking to provide water for fish ponds. This undertaking had proven unsatisfactory and it was found impossible. Hence, the only simple method was to purchase land for the protection of such water supply, thus enabling us to throw up dams to prevent the water from being lost in these sink holes. It was imperative that we make these purchases to protect the water supply, and the price paid was small compared to the value for the protection of such supply. The lands, however, are valuable for agricultural purposes, and besides has considerable timber and wood value, especially the latter. For example: the purchase price of 100 acres of the tract was \$700.00 We cut cypress on this tract valued at \$300.00. The other tracts are adjacent to the Hospital premises and considered essential for hospital purposes. In every case the Board authorized the same after full consideration thereof, believing it would be unwise not to so purchase same.

ACKNOWLEDGMENTS

We wish to express grateful acknowledgments to the following:

The local and county Women's Clubs for fruits, candy, etc., sent us during the Christmas seasons.

The State Federation of Women's Clubs for every expression of their interest in the Institution, for Victrola records, literature, phonograph, and other donations.

The people of Chattahoochee and River Junction for their kindness and friendly interest at all times.

The Children's Home Society of Jacksonville for their assistance in placing in homes several young children who were born soon after the arrival of their mothers at this institution.

The State Road Department for courtesies extended.

The University Extension Division for their generous assistance in procuring a teacher for a night school.

The Visiting Staff for their assistance and co-operation.

The medical staff, the heads of the various departments and the employees generally for their loyal and cordial support and co-operation in all matters pertaining to the welfare of the Hospital, this loyalty and co-operation being absolutely necessary for any business, especially an institution of this character.

And to your Honorable Board we wish to express our sincere appreciation of the co-operation and confidence shown the management.

W. V. KNOTT,

Superintendent.

IN MEMORIAM

This space is in loving remembrance of Vester Henry McMillian, who departed this life October 13, 1922.

Mr. McMillian had been a valued attache of this Hospital for more than ten years in various capacities. For a number of years and up until the time of his death he was in charge of the Hospital laundry.

He will be remembered for his strict attention to business, his courteous manner to all with whom he came in contact, his gentlemanly bearing, and full co-operation at all times with the Hospital staff and everything pertaining to the welfare of the Hospital and its affairs. His friends were numbered by all who had the good fortune to know him both in and out of the Hospital.

REPORT OF CHIEF PHYSICIAN

Hon. W. V. Knott, Supt.,
Florida State Hospital,
Chattahoochee, Florida.

Dear Sir:

I hand you herewith report of the Medical Department, Florida State Hospital, for the years 1921-22.

There have been quite a number of changes in the Medical Staff during this time, namely: On March 1, 1921, Dr. J. D. Gable resigned as Assistant Physician. It was decided, following his resignation, to attempt to do the work with only three physicians. On October 19, 1921, Dr. W. H. Spiers, Clinical Director, resigned to enter private practice at Orlando, Florida. This vacancy on the Staff was filled by Dr. F. E. Thomason of St. Petersburg, who began his duties on October 20, 1921. Dr. E. R. Marshburn resigned December 1, 1921, and this vacancy was filled by Dr. B. F. Barnes of River Junction, Florida, who assumed his duties as Assistant Physician on December 1, 1921. During the years 1921 and 1922 there was an increase in the number of patients in the Institution from 1,536 to 1,910, and it was found to be impracticable to attempt the work longer with only three physicians. Dr. H. D. Snyder, Tampa, Florida, was employed as an additional member of the Medical Staff, in the capacity of Assistant Physician. The following is the present Staff:

J. Q. Folmar, M. D., Chief.
B. F. Barnes, M. D., Assistant.
F. E. Thomason, M. D., Assistant.
H. D. Snyder, M. D., Assistant.
W. D. Truett, D. D. S., Dentist.

VISITING STAFF

The members of the Visiting Staff are:

M. E. Quina, M. D., Pensacola, Oculist.
 J. L. Kirby-Smith, M. D., Jacksonville, Dermatologist.
 Gerry R. Holden, M. D., Jacksonville, Gynecologist.
 F. Clifton Moore, M. D., Tallahassee, Internist.
 J. H. Randolph, M. D., Jacksonville, Psychiatrist.

To these gentlemen we wish to express our appreciation for their co-operation and consideration and kind assistance which is always rendered on request.

DENTAL DEPARTMENT

Dr. J. C. WILSON, who has been resident dentist in the Institution for a number of years, resigned August 1, 1922, since which time the work has been done by Dr. W. D. Truett, who gave only part of his time to the Institution until November 10, 1922, when he was appointed resident dentist.

Following is a report of the work done in this Department:

REPORT OF RESIDENT DENTIST

*Number, Classification and Treatment Given to Patients
 During the Years 1921-1922*

Teeth extracted	3,692
Teeth treated	739
Abscesses treated.....	345
Pyorrhea alveolaris cases treated.....	1,496
Prophylactic treatments	260
Nerves extracted and root canals filled.....	54
Amalgam, cement and porcelain fillings.....	821
Fillings removed	22
Plates made and repaired.....	31

Spontaneous abrasions treated	32
Teeth cleaned and polished	415
Teeth crowned and reset	109
Bridges made and repaired	65
Plates trimmed and adjusted	10
Teeth separated	7
Abscesses lanced	6
Hemorrhages treated	1

PHARMACY

This department is in charge of Mr. B. F. Bache, who is a licensed pharmacist of many years' experience in practically all phases of pharmaceutical work. Mr. Bache is of considerable benefit to the Institution in an economical way, being able to prepare practically all of his preparations, which can be done much cheaper than buying them ready prepared. It also enables us to have at all times fresh preparations, which are more potent and more reliable than those which are kept for a long period of time.

PATHOLOGICAL DEPARTMENT

In the early part of 1922 it was decided that the employment of a Laboratory Technician and the establishment of a Clinical Laboratory in connection with the Hospital would be of great benefit to the Institution and facilitate the study of cases admitted and consequently enable us to arrive at a more intelligent conclusion as to the diagnosis and treatment of patients. This has proven a great help, as we are able to get laboratory reports on our cases promptly and able to make much more extensive laboratory study of patients than we were previously.

On May 1, 1921, Mr. J. P. Adams was employed as Laboratory Technician and the Laboratory work started. Mr. Adams only stayed with us one month, and we secured the services of Mr. Ray Davis as Laboratory Technician, who

has been with us since June 1, 1922, in this capacity, and his services have been very satisfactory.

Following is a report of the work done in this Department:

BLOOD

Wasserman	425
Leukocyte counts	180
Erythrocyte counts	12
Differential counts	20
Hemoglobin estimation	37

AGGLUTINATION

Widal's test	11
Bass Watkins test	3
Chemical test for acidosis	3
Blood cultures for isolation of typhoid bacilli.....	3
Number examinations made for malarial parasites...	97
Occult tests	25
Donors and recipients tested for hemolysis.....	6

CEREBRO SPINAL FLUID

Wasserman examination	42
Lange's colloidal gold test	28
Leukocyte counting	42

GLOBULIN INCREASE

Ross Jones test	28
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GASTRIC CONTENTS

Chemical and microscopical	3
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FECES

Examination for parasites and ova.....	38
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HISTOLOGICAL PATHOLOGY

Tissue examined post operative	2
Tissue examined post mortem	1

URINNALYSIS

Chemical and microscopical	410
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SPUTUM

Microscopic examination	33
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ANIMAL INOCULATION

Guinea pig inoculation to test virulence of diphtheria bacilli	1
Rabbit inoculated to test virulence of streptococcus..	1
Bacterial cultures	50

BACTERIAL SMEARS

Microscopic examinations	14
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WATER ANALYSIS

During the month of August, 1922, complete examination was made of the Institutional supply of water, from lake, spring, and from various mains, also from Mosquito Creek near River Junction, and in every test it showed highest purity and fit for drinking, quantitative as well as qualitative being made.

X-RAY EQUIPMENT

In the latter part of 1920 we purchased an X-ray machine, but due to the incompleteness at that time of the new power plant we were not able to get it installed and operating until the early part of 1921. This addition to the Hospital has been of great assistance in enabling us to more thoroughly study the patients' conditions and locate some troubles which we were unable to locate without it.

The work in the Medical Department is arranged in the following manner: It is divided into four departments—White Female Department, White Male Department, Colored Department and Reception Service, one doctor being in charge of each of these departments.

A careful and exhaustive study is made of all patients on admission. A case history is made and complete examination, consisting of physical, neurological, mental, laboratory and X-ray. An individual record for each patient is made consisting of the findings in these examinations, and subsequent notations on the records of all patients periodically noting their condition at the time of the examination. Also any happenings to the patients,—accidents, physical illnesses, or any special changes in their mental conditions,—are recorded on their records. We endeavor to get all the information we can from the relatives of the patients and also from the family physician concerning their condition, which information is also kept as a part of their record.

Every effort is put forth to make it as pleasant and agreeable for patients during their stay and treatment as possible by having entertainments for them such as dances, moving picture shows and musical concerts, and we confine them as little as possible. Each patient is given all the privileges their condition will permit. They are also encouraged to take outdoor exercises, some in the form of pursuing some suitable occupation, others in indulging in

athletics, such as various games we may be able to get them interested in. We have been to a limited extent using occupational therapy in the form of rug weaving, basketry, needle work and other fancy work, cabinet and furniture work, shoe repairing, painting, broom making and tailoring. This work we hope to be able to carry out much more extensively in the future when the Industrial Building is finished, in which we will have much more room and more facilities for same. There are certain classes of patients for whom this has proven to be of great benefit, and when we are prepared to do it more extensively and in a more attractive manner we anticipate better results than we are getting at this time.

For the results we have been able to obtain in this special line of work we are greatly indebted to the supervisors of the various departments, namely: Mrs. G. B. Kirkland, White Female Department; Mr. P. L. Laing, White Male Department; Miss Pearl Trammell, Colored Female Department; Mr. S. W. Hall, of the Colored Male Department; and Mr. M. G. Dykes, of the Industrial Department, under whose supervision this work is largely carried out. In no instance is any patient required to follow any of these pursuits against their will, but every effort is made to encourage them along these lines and to get them interested in something other than themselves and their malady.

RECEIVING HOSPITAL

From the heading of this there might be some misapprehension or misunderstanding as to this department. It is designated as the Receiving Hospital, as all new cases are admitted here and are kept under observation until some conclusion is reached as to the diagnosis and treatment of same. All patients who are physically ill are treated in this building also. The following is a summary of the work done in this department during the years 1921-22:

Operating Room—	1921	1922
Major operations	193	423
Ambulatory treatments	971	1,321
Obstetrical cases	6	8
Lumbar punctures	120	171
Neosalvarsan treatments	324	531

White Female Department—

New patients received	193	162
Returned from furlough	22	16
Medical treatments	721	1,121
Adult deaths	47	52
Infant deaths	0	2
Daily average female patients.....	25	31

White Male Department—

New patients received	257	272
Returned from furlough	20	19
Medical treatments	711	1,093
Adult deaths	54	65
Daily average male patients.....	23	30

Tubercular Colony—

Daily average number of patients.....	32	22
Deaths, male patients.....	3	6
Deaths, female patients	2	2

Colored Female Receiving Hospital—

New patients received	102	118
Returned from furlough	9	7
Medical treatments	291	243
Obstetrical cases	0	1
Deaths, female patients	53	34
Daily average colored female patients.....	18	17

Colored Male Receiving Hospital—

New patients received	185	154
Returned from furlough	1	4
Medical treatments	253	297
Deaths, male patients.....	51	64
Daily average, colored male patients.....	16	19

(Above is report of new patients received and medical and surgical treatments given at Receiving Hospital during years 1921 and 1922.)

This building and the Training School for Nurses are under the direction and supervision of Miss Pearl Summerford, to whom we are greatly indebted for the results obtained in the treating of the patients here.

REPORT OF SUPERINTENDENT OF NURSES

The following is a report of the Training School for Nurses, for the two years ending December 31, 1922:

The first commencement of the Training School was held September 1, 1922, in the recreation hall, Hon. W. V. Knott, Superintendent, presiding. Three young ladies received diplomas, which were presented by Supt. Knott; Hospital pins were presented by Dr. B. F. Barnes.

An excellent address was delivered by Rev. Bunyan Stephens, of Tallahassee, Florida, the keynote being, "No Success Without Service," and the inspiring suggestions given will be long remembered by pupil nurses in all classes.

Following the program a reception was given with music by the Hospital Orchestra.

PLAN OF INSTRUCTION

Our classes were filled at the beginning of the year, but due to resignations we now have four vacancies open for probationers.

Our three-year course includes three months probation, nine months affiliation with a general hospital, and consists of recitations, lectures, demonstrations and practical work on wards, diet kitchens, hydrotherapy department and laboratory. A passing grade of 75% in all branches is necessary for graduation.

Memphis General Hospital (associated with the University of Tennessee at Memphis, Tennessee) accepted for affiliation the members of our class which graduated in 1922, and the five pupil nurses composing our Senior Class are now taking their nine months' affiliation at the University Hospital (associated with the Georgia University), Augusta, Georgia. Every courtesy has been shown to our nurses who have affiliated with these Hospitals.

SCHEDULE OF WARD SERVICE AND PRACTICAL WORK

Acute, medical and surgical cases.....	12 months
Tuberculosis	2 months
Operating room	4 months
Night duty	3 months
Reception ward	3 months
Vacation	1 month

ANNOUNCEMENT OF COURSE OF STUDY

First Year

Anatomy and physiology	64 hours
Nursing ethics	10 hours
Theory of nursing	32 hours
Hygiene for nurses	16 hours
Urinalysis	8 hours
Practical demonstration	16 hours
Dietetics	16 hours
Hydro-therapy	6 hours
Bandaging	10 hours
Materia medica	32 hours

Second Year

Medicine	16 hours
Practical and surgical nursing	32 hours
Nursing ethics	8 hours
Materia medica	16 hours
Obstetrics	32 hours
Clinical medicine	16 hours
Massage	12 hours
Dietetics	16 hours
Surgery	16 hours
Emergencies and anesthetics	12 hours
Diseases of children	16 hours
Diseases of nervous system	16 hours
Gynecology	32 hours
Psychology	16 hours
Diseases of eye, ear, nose and throat	10 hours

Third Year

Occupational therapy	10 hours
Oral hygiene	16 hours
Bacteriology and laboratory work	8 hours
Chemistry	8 hours
Advanced anatomy	8 hours
Affiliation	9 months

GRADUATES—CLASS OF 1922

Miss Elizabeth Carroll—Head nurse, Dr. McKinnon's Private Hospital, Marianna, Florida.

Miss Rossie Carroll—Night supervisor of nurses, Florida State Hospital, Chattahoochee, Florida.

Mrs. Lexie Duncan Traylor—Charge nurse, Tubercular Colony, Florida State Hospital, Chattahoochee, Florida.

I wish to thank the Medical Staff for their hearty co-operation, and for assistance rendered in clinical lectures and class room work.

MISS PEARL SUMMERFORD, R. N.,

Superintendent of Nurses,
Florida State Hospital,
Chattahoochee, Florida.

WHITE FEMALE DEPARTMENT

There were in this department January 1, 1921, 483 patients. There were admitted in this department during the years 1921-22 on commitment, 355; returned from furlough, 50; returned escapes, 1; admitted voluntary drug act, 7; babies born, 7. There were discharges, 52; furloughed, 124; removed by death, 120; escaped, 1; babies sent home, 4; transferred to Florida Farm Colony, 33; making a total treated of 903.

This department is under the supervision of Mrs. G. B. Kirkland, who has been an employee of the Institution for a number of years and whose services have been very satisfactory. The Medical Department is very appreciative of all the co-operation she has given in connection with the management and the careful consideration given all patients under her care.

WHITE MALE DEPARTMENT

There were in this department January 1, 1921, 448 patients. There were admitted in this department during the years 1921-22 on commitment, 529 patients; returned from furlough, 54; returned escapes, 51; admitted voluntary drug act, 10. There were discharged, 89; furloughed, 141; removed by death, 160; escaped, 74; discharged, voluntary drug act, 7; transferred to Florida Farm Colony, 21, making a total treated of 1,092.

This department has been under the supervision of Mr. P. L. Laing for a number of years, and he continues to give the same earnest and faithful attention and careful consideration to the care of the patients as previously.

COLORED FEMALE DEPARTMENT

There were in this department January 1, 1921, 257 patients. There were admitted in the department during the years 1921-22, 218 patients; returned from furlough, 10; returned escapes, 3; admitted voluntary drug act, 1; babies born, 1; discharged, 28; furloughed, 50; removed by death, 95; escaped, 3; discharged, voluntary drug act, 1; making a total treated of 490.

Miss Pearl Trammell has been supervisor of this department for a good many years. She has agreeably co-operated with the Medical Staff in the treatment of the patients under her care.

COLORED MALE DEPARTMENT

There were in this department January 1, 1921, 348 patients. There were admitted in this department during the years 1921-22, 287 patients; returned from furlough, 5; returned escapes, 27; there were discharged, 31; furloughed, 22; removed by death, 130; escaped, 44, making a total treated of 667.

This department has a less number of patients than some of the other departments, but requires no less skill and judgment in the handling of the patients than those in which there are larger numbers. We are very fortunate in having in charge of this department Mr. S. W. Hall, who manages it very satisfactorily.

STAFF MEETINGS

There are held regular staff meetings which are attended by the Superintendent and the entire medical staff, at which meetings all cases for discharge, questionable cases for furlough, and cases of special interest are examined and passed on.

TUBERCULAR BUILDING

All the patients suffering with tuberculosis in any form are treated in this department. All active cases are kept in bed in the open air and given the most nourishing and easily assimilated diet possible. When they become inactive they are allowed to be up and around during day, but we continue to keep them in the open air and sunshine as much as possible.

To economize in space and to make the report more comprehensible, we have arranged the admissions, discharges, furloughs, deaths and other changes in the population of the Institution in a tabulated form as follows:

TABLE NO 3.
ADMISSION BY COUNTIES.

Counties	1921					1922				
	Wh. Men	Wh. Wom.	Col. Men	Col. Wom.	Total	Wh. Men	Wh. Wom.	Col. Men	Col. Wom.	Total
Alachua	8	3	6	6	23	4	6	12	6	28
Baker	3	0	1	0	4	1	0	0	0	1
Bay	4	8	1	0	13	4	3	0	1	8
Bradford	4	2	2	2	10	1	1	1	0	3
Brevard	1	6	2	0	9	2	1	3	2	8
Broward	4	1	0	0	5	0	0	1	1	2
Calhoun	4	0	0	1	5	1	1	2	0	4
Charlotte	1	0	0	0	1	1	1	1	0	3
Citrus	3	1	2	2	8	0	5	0	1	6
Clay	1	0	1	2	4	0	0	2	0	2
Columbia	3	3	5	3	14	8	3	4	3	18
Dade	13	13	3	3	32	11	7	4	2	24
DeSoto	5	2	0	1	8	3	0	1	1	5
Dixie	1	2	0	1	4	0	1	0	1	2
Duval	38	32	12	21	103	33	18	18	15	84
Escambia	6	4	9	5	24	11	4	12	4	31
Flaglar	0	0	0	0	0	2	1	1	0	4
Franklin	2	0	1	1	4	0	3	4	2	9
Gadsden	12	7	9	4	32	19	5	10	3	37
Glades	0	0	1	0	1	1	0	1	0	2
Hamilton	1	0	1	1	3	1	2	2	0	5
Hardee	2	0	1	1	4	3	2	0	0	5
Hernando	0	1	0	0	1	2	0	0	1	3
Highlands	0	0	0	0	0	1	1	0	1	3
Hillsborough ..	33	31	15	7	86	38	19	10	5	72
Holmes	1	1	0	0	2	1	2	0	0	3
Jackson	10	1	5	4	20	9	2	6	6	23
Jefferson	2	1	3	1	7	0	0	2	1	3
Lafayette	0	3	0	0	3	1	2	3	0	6
Lake	2	0	2	0	4	8	1	1	0	10
Lee	2	2	0	0	4	1	2	1	1	5
Leon	1	4	2	5	12	4	4	4	4	16
Levy	5	2	3	0	10	1	3	1	1	6
Liberty	1	0	0	0	1	2	1	0	0	3
Madison	2	3	3	3	11	1	1	2	3	7
Manatee	4	5	3	0	12	3	2	2	1	8
Marion	2	2	4	5	13	3	2	5	5	15
Monroe	2	2	0	2	6	4	2	1	1	8
Nassau	3	2	0	0	5	2	1	1	0	4

TABLE NO. 3—Continued.

Counties	1921					1922				
	Wh. Men	Wh. Wom.	Col. Men	Col. Wom.	Total	Wh. Men	Wh. Wom.	Col. Men	Col. Wom.	Total
Okaloosa	2	1	1	0	4	2	1	0	1	4
Okeechobee ...	0	0	1	0	1	0	0	0	0	0
Orange	7	7	4	3	21	9	5	0	3	17
Osceola	0	1	0	0	1	6	2	0	0	8
Palm Beach ...	7	4	2	5	18	6	5	2	1	14
Pasco	1	2	0	0	3	1	2	1	0	4
Pinellas	8	3	4	1	16	6	6	3	2	17
Polk	9	12	4	0	25	13	11	6	5	35
Putnam	2	1	3	5	11	3	2	3	5	13
Santa Rosa	5	2	3	0	10	3	0	2	4	9
Sarasota	0	0	0	1	1	0	1	0	0	1
Seminole	3	0	1	1	5	6	3	3	0	12
St. Johns	1	1	2	0	4	1	1	0	3	5
St. Lucie	1	0	1	2	4	1	1	1	2	5
Sumter	3	1	0	1	5	2	1	0	0	3
Suwannee	4	3	1	2	10	3	3	6	1	13
Taylor	1	3	2	1	7	9	1	4	2	16
Union	1	0	0	0	1	1	1	2	1	5
Volusia	6	1	1	7	15	6	3	3	4	16
Wakulla	3	0	0	0	3	2	1	1	0	3
Walton	2	3	0	0	5	4	2	1	1	8
Washington ...	5	4	2	1	12	1	1	1	0	3
Transferred from New York ...	0	0	1	0	1	0	0	0	0	0
Total	257	193	130	111	691	272	162	157	107	698

TABLE NO. 4.
REPORT FOR YEAR 1921.

	Patients in Hospital	Patients Admitted	Babies Born	Rtd. from Furlough	Rtd. from Escape.	Admitted; Drug Act	Discharged	Died	Furloughed	Trans to Fla. Farm Colony	Escaped	Discharged; Drug Act	Remaining
January	1,536	46	0	8	7	0	6	24	21	0	5	0	1,541
February	1,541	57	0	4	2	0	17	11	12	0	1	0	1,563
March	1,563	60	0	3	1	3	9	30	9	0	2	1	1,579
April	1,579	69	1	6	4	1	12	24	13	0	5	2	1,604
May	1,604	62	0	5	4	0	7	16	24	0	4	1	1,623
June	1,623	69	0	3	8	0	12	21	13	0	5	2	1,645
July	1,645	68	0	4	3	1	8	23	17	0	5	0	1,668
August	1,668	40	0	6	4	0	8	23	20	0	2	1	1,664
September	1,664	46	0	4	0	3	8	25	14	0	1	1	1,668
October	1,668	60	1	5	4	1	5	23	16	0	4	0	1,691
November	1,691	51	0	3	1	0	2	23	14	0	6	2	1,699
December	1,699	63	0	2	1	1	2	22	16	40	1	0	1,685
Total .....	.....	691	2	53	39	10	96	265	189	40	48	8	

TABLE NO. 5.
REPORT FOR YEAR 1922.

	Patients in Hospital	Patients Admitted	Babies Born	Rtd. from Furlough	Returned Escape Patients	Admitted Drug Act	Discharged	Died	Furloughed	Escaped	Discharged Drug Act	Trans. Fla. Farm Colony	Remaining
January	1,685	48	0	5	6	0	11	18	21	8	0	0	1,686
February	1,686	47	1	9	3	2	7	13	12	4	0	0	1,712
March	1,712	65	0	3	3	1	9	25	8	5	2	0	1,735
April	1,735	52	0	1	5	2	14	12	14	8	0	0	1,747
May	1,747	60	0	11	4	1	5	19	15	6	0	11	1,767
June	1,767	57	2	6	4	0	8	19	13	5	0	0	1,791
July	1,791	59	1	8	4	1	15	17	5	9	0	0	1,818
August	1,818	55	0	6	2	1	6	17	8	4	1	4	1,842
September	1,842	54	1	8	3	0	12	16	19	7	0	0	1,854
October	1,854	77	1	3	2	0	7	25	15	5	0	0	1,885
November	1,885	57	0	2	4	0	7	30	4	9	0	6	1,892
December	1,892	67	0	4	3	0	7	29	15	4	1	0	1,910
Total .....	.....	698	6	66	43	8	104	240	149	74	4	21	

For the accuracy and completeness of the records in this Department and the assistance in compiling this report, we are greatly indebted to the medical stenographers, who are Mrs. B. J. Mawhinney and Mr. Lacy E. Bradford.

Before closing we wish to express our appreciation to the Superintendent and the Medical Staff for their co-operation and efforts to facilitate matters of this nature in every respect.

Respectfully submitted,

J. Q. FOLMAR,

Chief Physician.

TABLE NO. 6.

Number in Hospital, Admitted, Total Number Treated, Average
Monthly Per Capita Expense, Number of Deaths
Each Year Since 1893.

Year	Resident at Beginning of Year	Admitted During the Year	Total Number Treated During the Year	Per Capita Expense of Average Monthly Population	Number of Deaths	Percentage of Deaths
1893	272	106	378	\$	59	15.60
1894	275	132	407	9.98	29	7.12
1895	305	...	365	11.48	39	10.68
1896	288	171	459	10.81	35	7.67
1897	373	175	548	9.37	51	9.30
1898	443	230	673	8.72	92	13.67
1899	491	221	712	11.20	69	9.83
1900	561	219	780	9.36	94	12.05
1901	601	274	875	9.19	118	13.49
1902	640	286	926	9.39	102	11.00
1903	697	237	934	9.77	104	11.11
1904	734	305	1,039	9.60	146	14.05
1905	710	248	958	10.03	99	10.33
1906	695	254	952	11.89	97	10.18
1907	717	318	1,035	15.61	134	12.94
1908	730	298	1,028	13.72	119	11.57
1909	793	335	1,128	12.75	108	9.57
1910	880	329	1,209	14.61	119	9.84
1911	829	443	1,372	13.44	97	7.06
1912	1,112	381	1,493	14.10	182	12.12
1913	1,107	490	1,597	14.85	135	8.45
1914	1,201	590	1,791	14.74	200	11.11
1915	1,336	657	1,993	17.11	300	15.05
1916	1,417	563	1,980	15.65	229	11.56
1917	1,482	615	2,097	18.11	285	13.69
1918	1,581	659	2,240	18.24	475	21.21
1919	1,403	648	2,051	24.05	192	9.36
1920	1,505	654	2,159	25.02	264	12.22
1921	1,536	691	2,331	24.93	265	11.37
1922	1,685	698	2,506	22.15	240	9.57

TABLE NO. 7.

ARTICLES MADE IN SEWING ROOM DURING
YEARS 1921-1922.(This does not include work done by patients on the wards, nor
all repairing, most of which is done by patients.)

	1921	1922	Total
Sheets	7,419	8,835	16,254
Towels	1,905	6,296	8,201
Table Cloths	448	209	657
Table Covers	52	183	235
Table Napkins	188	214	402
Pillow Cases	5,146	5,974	11,120
Bed Ticks	438	302	740
Bed Ticks (repaired)	775	1,342	2,117
Pillow Ticks	94	184	278
Dresses for Women	3,336	1,350	4,686
Chemises	1,191	2,838	4,029
Undershirts	49	462	511
Shirt Waists	4	...	4
Ladies' Drawers	817	1,131	1,948
Ladies' Skirts	6	...	6
Night Gowns	1,722	2,476	4,198
Night Shirts	1,397	2,171	3,568
Men's Drawers	809	847	1,656
Baby Dresses	23	58	81
Baby Gowns .....	...	12	12
Baby Napkins	107	39	146
Aprons, Operating, Dairy, etc.....	477	516	993
Curtains, pairs	129	595	724
Shrouds	172	98	270
Caps, Operating, Dairy, Bakery, etc..	38	24	62
Top Shirts	1,858	1,591	3,449
Boys' Blouses	14	...	14
Overalls	70	...	70
Tie Strings	231	50	281
Special Garments	365	963	1,328
Garments Repaired	1,923	1,137	3,060
Kimonas .....	...	30	30
Operating Gowns .....	...	45	45
Quilts	367	...	367

TABLE NO. 8.

SHOWING ARTICLES MADE AND REPAIRED IN INDUS-
TRIAL DEPARTMENT FOR YEARS 1921-1922.

	1921	1922	Total
Private Shoes Repaired	\$ 2,107.70	\$2,159.65	\$4,267.35
Shoes Repaired	1,638	1,347	2,985
Hose Knitted	4,540	4,813	9,353
Brooms Made	1,513	1,811	3,324
Rugs Made	70	46	116
Dresses Made	171	2,663	2,834
Pants Made	1,240	...	1,240
Chairs Repaired	127	460	587
Awnings Made	24	54	78
Beds Repaired	411	429	840
Swings Made	43	4	47
Swings Painted	45	...	45
Beds Painted	911	84	995
Flower Stands Made	35	22	57
Table Cloths Made .....	...	255	255
Coats Made	41	...	41
Fly Swats Made	9	528	537
Settees Made	17	...	17
Tables Made .....	...	7	7
Cuspidors	66	4	70
Bee Hives Made .....	...	152	152
Aprons .....	...	444	444
Pillow Cases .....	...	3,154	3,154
Bed Room Slippers Made .....	...	23	23
Chair Bottoms Made .....	...	52	52
Cabinets Painted .....	...	51	51
Total number other articles made and repaired, brushes harness, etc.	475	645	1,120

TABLE NO. 9A.

Abstract of Invoices Approved in the Office of the Superintendent for the Year 1921.

INVOICES PAYABLE FROM APPROPRIATION FOR
MAINTENANCE.

Purpose for Which Expended.	First Six Mos. 1921	Last Six Mos. 1921	Total for Year 1921
Groceries	\$ 53,238.19	\$ 55,156.39	\$108,394.58
Dry Goods and Clothing, Shoes, etc.	31,011.49	24,366.31	55,377.80
Repairs and Renewals	13,678.22	21,377.90	35,056.12
Dairy—Fee Account	2,203.96	3,573.39	5,777.35
Stable—Feed Account	2,606.99	1,251.41	3,858.40
Farm—Seed, Fertilizer, etc....	4,838.39	288.87	5,127.26
Industrial Department—Ma- terial	1,633.92	1,104.73	2,738.65
Ice Plant—Supplies	281.42	6,973.37	7,254.79
Plumbing Department—New terial	1,442.50	3,276.48	4,718.98
Laundry—Supplies only	487.17	964.29	1,451.46
Power Plant—Coal, Oil, etc....	21,952.46	22,444.55	44,397.01
Expense Members of Medical Visiting Staff	47.08	.....	47.08
Drugs and Drug Sundries.....	2,793.49	3,537.26	6,330.75
Transportation	9,713.84	8,877.34	18,591.18
Pay Roll, All Employees	75,697.35	79,469.87	155,167.22
Real Estate—Land Purchased.	3,729.00	1,365.49	5,094.49
Freight Account	10,111.00	21,153.23	31,264.23
Totals	\$235,466.47	\$255,180.88	\$490,647.35

TABLE NO. 9B.

INVOICES PAYABLE FROM APPROPRIATIONS FOR IMPROVEMENTS FOR THE YEAR 1921.

Purpose for Which Expended.	First Six Mos. 1921	Last Six Mos. 1921	Total for Year 1921
New Power and Ice Plant.....	\$ 25,483.60	\$.....	\$ 25,483.60
Employees Home	11,460.07	4,155.45	15,615.52
Addition to Kitchen and Dining Room		3,747.66	3,747.66
General Repairs and Painting Wards	1,200.66	8,257.88	9,458.54
New Industrial Building	660.00		660.00
Roof for New Power and Ice Plant		1,800.00	1,800.00
Switch Board for New Power and Ice Plant		3,000.00	3,000.00
Pipe, Fittings and Recording Equipment for Plant		4,000.00	4,000.00
Oil Separator, Vacuum Trap, Exhaust Head and Steam Separator		1,300.00	1,300.00
Scale and Coal Barrows for Plant		225.28	225.28
Concrete Pavement Around Power Plant and Hot Water Well		254.80	254.80
Economy Instruments for Plant		1,000.00	1,000.00
Welding Equipment		600.00	600.00
Lathe, Power Hack Saw and Press		1,000.00	1,000.00
Shaper for Power Plant.....		1,000.00	1,000.00
Motors		3,000.00	3,000.00
Wires to Change from D. C. to A. C.		2,469.80	2,469.80
Transformers		2,952.28	2,952.28
Lighting Fixtures		499.41	499.41
Mangle, Washer and other Laundry Equipment		400.85	400.85
Summer Houses and Roof for Old Magazine Bldg.		506.17	506.17
Fencing		1,964.17	1,964.17
Horse and Cow Sheds.....		229.13	229.13
Glass Renewals		192.00	192.00
Totals	\$ 38,804.33	\$ 42,554.88	\$ 81,359.21

TABLE NO. 10A.

Abstract of Invoices Approved in the Office of the Superintendent for the Year 1922.

INVOICES PAYABLE FROM APPROPRIATION FOR
MAINTENANCE.

Purpose for Which Expended:	Full Year 1922
Groceries	\$107,322.90
Dry Goods and Clothing, Shoes, etc.....	58,057.75
Repairs and Renewals	66,690.04
Dairy—Feed Account	1,222.04
Farm—Seed, Fertilizer, etc.	1,002.57
Industrial Department—Material and Supplies	1,963.90
Ice Plant—Supplies	85.54
Plumbing Department—New Material	12,597.15
Laundry—Supplies	2,911.53
Power Plant—Coal, Oil, etc.....	15,453.49
Drugs and Drug Sundries	10,073.38
Transportation	19,180.47
Pay Roll, All Employes	159,399.89
Real Estate—Land Purchased	2,458.65
Timber—Standing Timber Purchased	1,500.00
Freight Account	19,397.23
Total	\$479,316.53

TABLE NO. 10B.

INVOICES PAYABLE FROM APPROPRIATION FOR IM-
PROVEMENTS FOR THE YEAR 1922.

Purpose for Which Expended:	For Full Year 1922
Employees Home	\$ 5,288.65
Completion of Employes Home and Furnishing.....	8,611.79
Addition to Kitchen and Dining Room	2,424.63
General Repair and Painting Wards.....	5,633.26
New Pump for Drinking Water System.....	2,623.63
30,000 Gallon Tank for Drinking Water System.....	2,679.74
Mangle, Washer and Other Laundry Equipment.....	3,599.15
Glass Renewals	235.03
Total	\$31,095.88

TABLE NO. 11.

Amount paid to Florida State Hospital for maintenance of patients not indigent, during the years 1917-1922, inclusive.

1917	\$ 2,947.17
1918	8,217.76
1919	6,731.49
1920	12,542.81
1921	17,970.00
1922	21,655.30

Prior to 1917 collections were made for this account by State Treasurer. Beginning with 1917 collections were made by the Hospital officials and transmitted to State Treasurer.

Since October, 1918, we have been receiving pay from the Government for Veterans' Bureau Patients. However, we have not had as many Veterans' Bureau Patients during the years 1921 and 1922 as were here during 1919 and 1920, according to the records of the Hospital.

REPORT OF FARM MANAGER

Hon. W. V. Knott, Supt.,
Florida State Hospital,
Chattahoochee, Florida.

Dear Sir:

I herewith submit my report as Farm Manager for the year 1922.

I entered my duties as Farm Manager January 4, 1922, and feel we have made great progress. The Hospital has had vegetables the year round, and besides having rutabagas for table use, we have had them for dairy cattle in season, as well as for all live stock. We are very much in need of some good land—four or five hundred acres—which would mean a great benefit to this Institution, financially, to grow corn.

When I took charge of the dairy, March 20, 1921, I found the dairy cattle in very bad shape. A dangerous disease had spread among 90% of the herd. With intelligent work we have overcome this, and hope in the near future to have one of the best producing dairies in the State or South.

I also submit report for the poultry, beginning June 1, 1921. We hope in the near future to have chickens and eggs sufficient to sustain the Institution.

By the tables attached, you will find the variety and amount of crops grown, also pasture we have growing for our dairy cattle, which is so essential.

Very respectfully,

W. C. VASON,

Farm Manager.

VEGETABLES GROWN ON HOSPITAL FARM

1921-22.

	1921	1922
	Bushels	
Beets	10	638
Cucumbers	70	387
Cabbage	200	3,125
Carrots .....	...	6
Cantaloupes	500	219
Egg Plants .....	...	57
English Peas	100	7
Field Peas	500	399
Irish Potatoes	200	342½
Lettuce .....	...	36
Okra	30	324
Pepper .....	...	32
Parsley .....	...	5
Roasting Corn	250	638
Rutabagas	750	10,000
Radishes .....	...	4
Sweet Potatoes	2,500	3,500
Spinach .....	...	15
Squash	50	1,304
Snap Beans	100	833
Tomatoes	250	706
Turnips	200	567
Greens .....	...	10,500
Butter Beans	200	60
Onions	300	221
	Tons	
Collards .....	...	18
Mustard .....	...	4

GROWN FOR DAIRY COWS.

1921-22.

	1921	1922
	Tons	
Ensilage	185	340
Green Corn .....	...	100
Napier Grass .....	...	225
Rutabagas .....	...	29
Greens .....	...	7
Rape .....	...	10
Sorghum	20	...

Pasture for dairy cattle, 85 acres.

GROWN FOR HOGS.

1921-1922.

	1921	1922
	Tons	
Collards .....	...	11
Greens .....	...	22
Watermelons	8	15

GENERAL FARM.

	1921	1922
	Bushels	
Corn	1,800	1,243
Peanuts	400	1,125
	Tons	
Oats	10	18½
Fodder .....	...	7
Pea Vine Hay	10	73½
Velvet Beans	15	5
Kershaw .....	...	3
Pumpkins .....	...	1
Watermelons, for eating..... (pcs)	3,500	...
	Bushels	
Field Peas, for seed.....	30	...
Sugar Cane, for seed.....	10,000	8,000
Japanese Cane, for seed.....	...	3,500
	Bbls.	
Syrup made	178	56½
	Acres.	
Napier Grass .....	...	40
Pecan Nursery .....	...	2½
Kudgu .....	...	½

DAIRY—1921.

On Hand January 1, 1921:		
Cows	77	
Heifers	25	
Calves	14	
Bulls	4	
Total	120	
Died	5	
Butchered	4	

Feed Bought:

C. S. Meal	25½	Tons
Shorts	40½	Tons
Bran	3½	Tons
C. S. Hulls	3	Tons

Gallons milk produced	32,766
Butter (pounds)	483½



DAIRY—1922.

Cattle on Hand January 1, 1922:

Cows	98
Heifers	27
Calves	23
Bulls	4

Total	152
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Died	6
Butchered	16

Feed Bought:

C. S. Meal	10½	Tons
Shorts	19½	Tons
Wheat Bran	1	Ton

Gallons Milk produced	34,873
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SALE OF HIDES AND WOOD.

	1921	1922	Total
Sale of Hides.....	\$495.30	\$2,639.25	\$3,134.55
Wood furnished employees	613.50	1,041.59	1,655.09

POULTRY.

	1921	1922
Chickens raised	200	425
Egg produced (dozen)	303½	584½
Died	7	12
Chickens dressed for Xmas.....	105	268
Additional chickens bought for Xmas.....	353	169
Turkeys bought	10	35
Chickens on hand December 31.....	275	600

HOGS.

On Hand January 1, 1921:

Brood sows	40
Boars	2
Shoats	55
Pigs	50
Total	147

On Hand January 1, 1923:

Brood sows	50
Boars	4
Shoats	175
Pigs	250
Fattened and ready for slaughter.....	175
Total	654

	1921	1922
Hogs butchered, dressed weight.....	85,979 lbs.	68,700 lbs.

BEEF SUPPLY.

	No.	Dressed Weight
No. killed 1921	1,059	247,471
No. killed 1922	1,169	*262,665

*All of the above beeves were bought with the exception of 20, which were culled from the dairy herd.